REFERENCES

[1] Gerd Kortuem, Fahim Kawsar, Vasughi Sundramoorthy, Daniel Fitton 2010 **"S**mart objects as building blocks for the Internet of things" IEEE Internet Computing Volume: 14 , DOI: 10.1109/MIC.2009.143

[2] Jianfeng Yang and Zhibin Chen (2010) "Cloud Computing Research and Security Issues"International Conference on Computational Intelligence and Software Engineering DOI: 10.1109/CISE.2010.5677076

[3] Andrea Ceccarelli ; Marco Vieira ; Andrea Bondavalli (2011) "A Testing Service for Lifelong Validation of Dynamic SOA**"** IEEE 13th International Symposium on High-Assurance Systems Engineering, DOI: 10.1109/HASE.2011.18

[4] Davies, Nigel (2016) "Privacy mediators: Helping IoT cross the chasm" Proceedings of the 17th International Workshop on Mobile Computing Systems and Applications. ACM, DOI: 10.1145/2873587.2873600

[5] George Moldovan ; Elias Z. Tragos ; Alexandros Fragkiadakis ; Henrich C. Pohls ; Daniel Calvo (2016) "An IoT middleware for enhanced security and privacy: the RERUM approach" New Technologies, Mobility and Security (NTMS), 8th IFIP International Conference on. IEEE, DOI:10.1109/NTMS.2016.7792434

[6] Francois Carrez ; Tarek Elsaleh ; David Gómez ; Luis Sánchez ; Jorge Lanza ; Paul Gracecarrez, Francois (2017) "A Reference Architecture for federating IoT infrastructures supporting semantic interoperability." IEEE European Conference on Networks and Communications **DOI:** 10.1109/EuCNC.2017.7980765

[7] Carpenter, Todd, John Hatcliff, and Eugene Y. Vasserman. (2017) "A Reference Separation Architecture for Mixed-Criticality Medical and IoT Devices" Proceedings of the 1st ACM Workshop on the Internet of Safe Things. DOI :10.1145/3137003.3137008

[8] Eduardo Felipe, Zambom Santana, Ana Paula Chaves, Macro Aurelio Gerosa, Fabio Kon, Dejan S. Milojicic (2017) "Software platforms for smart cities: Concepts, requirements, challenges, and unified reference architecture." ACM Computing Surveys (CSUR) 50.6 : 78.

[9] Liang, Zheheng. (2017) Research on Automatic Access Test Method of SOA Service Based on Electric Power Enterprise." Boletín Técnico, ISSN: 0376-723X 55.14

[10] Christos Stergiou , Kostas E.Psannis, Byung-GyuKim, BrijGupta (2018) "Secure integration of IoT and cloud computing." Future Generation Computer Systems 78 (2018): 964-975. https://doi.org/10.1016/j.future.2016.11.031

[11] Sharma, Sagar, Keke Chen, and Amit Sheth. (2018) "Toward practical privacy-preserving analytics for IoT and cloud-based healthcare systems." IEEE Internet Computing 22.2 (2018): 42-51.

[12] Raj Gaire, Chigulapalli Sriharsha, Deepak Puthal, Hendra Wijaya, Jongkil Kim, Prateeksha Keshari, Rajiv Ranjan, Rajkumar Buyya, Ratan K. Ghosh, R.K. Shyamasundar, Surya Nepal , (2018) "Internet of Things (IoT) and Cloud Computing Enabled Disaster Management." arXiv preprint arXiv:1806.07530 (2018).

[13] Somnath D. Bhagwat, Akash I. Hulloli, Suraj B. Patil, Abulkalam A. Khan, Mr. A.S. Kamble. (2018) "Smart Green House using IOT and Cloud Computing." International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056

[14] Cerny, Tomas. (2018) "Aspect-oriented challenges in system integration with microservices, SOA and IoT." Enterprise Information Systems : 1-23. DOI: 10.1080/17517575.2018.1462406

[15] Rahimi, Hamed, Ali Zibaeenejad, and Ali Akbar Safavi. (2018) "A Novel IoT Architecture based on 5G-IoT and Next Generation Technologies." arXiv preprint arXiv:1807.03065.

[16] Chen, Weili, et al. "IoT Service Based on JointCloud Blockchain: The Case Study of Smart Traveling." Service-Oriented System Engineering (SOSE), 2018 IEEE Symposium on. IEEE, 2018.

[17] Gunasekaran Manogaran, R.Varatharajan, Daphne Lopez, Priyan Malarvizhi Kumar Revathi Sundarasekar, ChanduThota (2018) . "A new architecture of Internet of Things and big data ecosystem for secured smart healthcare monitoring and alerting system." Future Generation Computer Systems Vol82: page no.375-387.

[18] C.N. Verdouw, R.M. Robbemond, T. Verwaart,J. Wolfert & A.J.M. Beulens (2018) "A reference architecture for IoT-based logistic information systems in agri-food supply chains." Enterprise information systems Vol 12.7 (2018): Page no 755-779.

[19] Pablo, PICO-VALENCIA, and Juan A. HOLGADO-TERRIZA. (2018) "Integration of MultiAgent Systems with Resource-Oriented Architecture for Management of IoT-bjects." Vol 23. Page no 567-576, DOI 10.3233/978-1-61499-874-7-567

[20] Saad Mubeen ; Sara Abbaspour Asadollah ; Alessandro Vittorio Papadopoulos ; Mohammad Ashjaei ; (2018) "Management of service level agreements for cloud services in IoT: a systematic mapping study." IEEE Access 6 (2018): 30184-30207.

[21] Vasileios A.Memos, Kostas E.Psannis, YutakaIshibashi, Byung-GyuKim, B.B.Gupta (2018) "An efficient algorithm for media-based surveillance system (EAMSuS) in IoT smart city framework." Future Generation Computer Systems Vol. 83 Page no. 619-628.

[22] Jianhua He ; Jian Wei ; Kai Chen ; Zuoyin Tang ; Yi Zhou ; Yan Zhang (2018) "Multitier fog computing with large-scale iot data analytics for smart cities." IEEE Internet of Things Journal 5.2 Page no. 677-686.

[23] Mahmud, Redowan, Ramamohanarao Kotagiri, and Rajkumar Buyya. (2018) "Fog computing: taxonomy, survey and future directions." Internet of everything. Springer, Singapore, Page No. 103-130.

[24] Chyi-Ren Dow, Yaun-Zone Wu, Bonnie Lu, Shiow Fen Hwang, Fongray Frank Young (2018) "An Adaptive Sensor Management System." Information Technology-New Generations. Springer, Cham, Page no. 253-256.

[25] Li, Wei, Cheolwoo Jung, and Jongtae Park. (2018) "IoT Healthcare Communication System for IEEE 11073 PHD and IHE PCD-01 Integration Using CoAP." KSII Transactions on Internet & Information Systems 12.4 .

[26] Mullaiarasu, M., and S. Veni. (2018) "Comparing and Analysis of Routing protocol in QoS of IoT." (2018) International Journal of Innovations & Advancement in Computer Science IJIACS ISSN 2347 – 8616 Volume 7, Issue 3

[27] Shaout, Adnan, and Brennan Crispin. (2018) "Using the MQTT protocol in real time for synchronizing IoT device state." Int. Arab J. Inf. Technol. 15.3A (2018): 515-521.

[28] Emmanouil Palavras, Konstantinos Fysarakis, Ioannis Papaefstathiou, Ioannis Askoxylakis (2018) "SeMIBIoT: Secure Multi-protocol Integration Bridge for the IoT." 2018 IEEE International Conference on Communications (ICC). IEEE, DOI: 10.1109/ICC.2018.8422486.

[29] George Kokkonis, Kostas E. Psannis, Manos Roumeliotis, Yutaka Ishibashi, Byung-Gyu Kim, Anthony G. Constantinides .(2018) "Transferring Wireless High Update Rate Supermedia Streams Over IoT." New Advances in the Internet of Things. Springer, Cham, SCI , Vol. 715, Page no. 93-103.

[30] Tukade, Tanya Mohan, and R. M. Banakar. (2018) "Data Transfer Protocols in IoT-An Overview." International Journal of Pure and Applied Mathematics Volume 118 No. 16 2018, 121-138 ISSN: 1311-8080

[31] Shaout, Adnan, and Brennan Crispin. (2018) "Using the MQTT protocol in real time for synchronizing IoT device state." Int. Arab J. Inf. Technol. CVol 15.3 Page no. 515-521.

[32] Mauro A.A.da Cruz, ,Arun KumarSangaiah, JalalAl-Muhtadi, ValeryKorotaev "Performance evaluation of IoT middleware." Journal of Network and Computer Applications 109 (2018): https://doi.org/10.1016/j.jnca.2018.02.013.

[33] Sven Akkermans, Stefanos Peros, Nicolas Small, Wouter Joosen, Danny Hughes imec-DistriNet, KU Leuven (2018) "Supporting IoT Application Middleware on Edge and Cloud Infrastructures." ZEUS. 2018.

[34] Scott, Robert, and Daniel Östberg. (2018) "A comparative study of open-source IoT middleware platforms." EXAMENSARBETE INOM DATATEKNIK, GRUNDNIVÅ, 15 HP STOCKHOLM, SVERIGE

[35] Matej Senožetnik , Zala Herga, Tine Šubic , Luka Bradeško , Klemen Kenda , Kristina Klemen, Petra Pergar andDunja Mladenić (2018) "IoT middleware for water management." Multidisciplinary Digital Publishing Institute Proceedings. Vol. 2. No. 11. https://doi.org/10.3390/proceedings2110696.